

Title (en)
RADIATION-EMITTING COMPONENT

Title (de)
STRAHLUNGSEMITTIERENDES BAUELEMENT

Title (fr)
COMPOSANT EMETTEUR DE RAYONNEMENT

Publication
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Application
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Abstract (en)
[origin: WO2009036731A2] The invention relates to a radiation-emitting component (8), which comprises a semiconductor layer stack (10) having an active region (12), which is configured for emitting electromagnetic radiation (R), and at least one surface (14, 15, 16, 17) of the semiconductor layer stack (10) or an optical element (18, 20), which is configured for transmitting the electromagnetic radiation (R), wherein the surface (14, 15, 16, 17) has a normal vector (N), wherein on the at least one surface (14, 15, 16, 17) of the semiconductor layer stack (10) or of the optical element (18, 20), the electromagnetic radiation (R) penetrating said surface, an anti-reflection layer (30) is disposed and configured such that it has minimum reflection for a predetermined wavelength at an observation angle (alpha) relative to the normal vector (N) of the surface (14, 15, 16, 17), at which angle the increase in a zonal light flux of the electromagnetic radiation (R) approximately has a maximum.

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